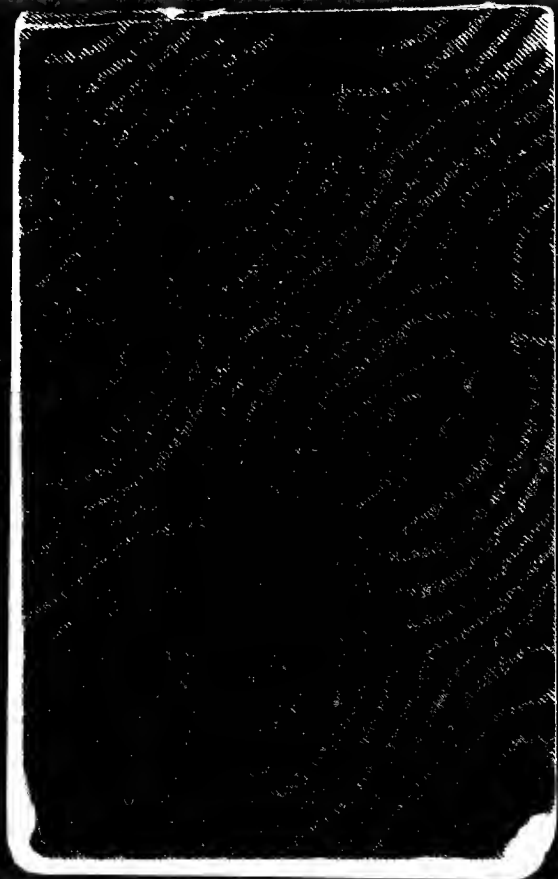


④

FARLOW - NOTEBOOK,

Notes which compare  
specimens (of ? )

from different geographical  
locations





Chaetomorpha

Picquotiana

Several specimens  
in Herb. Mont. Montagne

from note on one  
specimen apparently  
thought that it  
might be merely  
*C. melagonum*.

Some of Montagne's  
specimens seem  
to be attached at  
base but others  
look as if they  
might have been  
free.

*Chondria Bailegana*  
Herb. Mont. is  
same as the  
species in American  
Herbaria.

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*Amphiroa debilis*  
Kg. (Bornet no. 64)  
has very little  
swelling at the  
nodes and the  
filaments show  
a tendency to  
become a little  
flattened. No. 15  
Alg. Am. Bor. (no. 45  
Bornet Hes West)

is a small, dark, indur.

is really *amphiroa*  
*fragillissima*  
Lamx. 2y. Do  
not my corrigenda  
label wrong?  
and are not 64  
and 45 the same?

*Amphiroa* *Peruana*  
of Florida is  
very near *A. linearis*  
Ag. Ich. Phyc. VIII  
46. but is it not  
really *A. Peruana*.

*Corallina chilensis*  
*Bolivia* Rusby is  
same as *C. officinalis*  
of the Gulf of Mexico.  
Look up *C. var.*  
*barbatus* Martens  
to see if it is  
found in the  
Gulf of Mexico.

---

*Corallina squamata*  
of California has  
a distinct disk  
at base and is  
*C. gracilis* Lamour.  
The true *squamata*

---

has fibrous roots,

Cladophora  
glaucescens of  
Wood's Hall  
seems to be C.  
crystallina.

For McClusiae  
use Eau de Javelle  
particularly on  
fresh specimens.  
This loosens them  
and they may be  
skinned off the  
water. Then mount  
in Deane's medium  
on mica.



The *Hildenbrandia*  
from Monterey  
is *H. rosca*, the  
same form as that  
species from  
Morocco in  
Herb. Barneby.

In same envelope  
is an alga on  
a shell which  
is near *Rhododerma*  
*rupestris* Batters  
in its print but  
with a different  
frond.

*Petrocelis. Savina*  
*Barbara*, To be  
compared with  
the *Petrocelis* in  
*Rupr. Alg. Ac. lit.*  
which it resembles  
in having the  
tips of filaments  
composed of  
cubical cells. It  
however has single  
+ pores while *Rupr.*  
species is said to  
have them in chains.  
It resembles *Ruprecht*  
species more than  
*P. cruenta* of N. E.  
and Europe.

Herb. Harvey,

*Alsidium Blodgettii*  
is made genus  
*Nrightella* of  
Schmitz.

Look up *Microcoelia*  
*Chilensis* to see  
whether we do not  
have it in California

Some specimens (?)  
have called *Habymenia*  
(an *Elizulata*?) from Key  
West are marked  
with *Saimaia*  
*furcellata* and

*Halymenia* in  
Herb. Harv.

*Grateloupia macro-*  
*phylla* Aresch. in  
Herb. Harv. is included  
in *Grateloupia*  
*Cutleriae*.

Specimen of *Furcellaria*  
*fastigiata* from  
Botanical Survey  
of Maine, coll. A. J.  
Young Jr. seems to  
be sterile and quite  
as unlike to be  
*Polyides*.

*Ceranium Hookeri*  
is put in cover  
with *Ceranium*  
*Deslonchampsii*  
in Herb. Harvey.

*Halymenia ligulata*  
from Equineault is  
very doubtful and  
looks different.

The *Ptilota filicina*  
ag. (plumosa - var.  
Harlow) is *Ptilota*  
*concinna* (var.  
*concinna* Herb. Harvey)

Callithamnion  
Dietziae looks like  
Call. Baileyi rather  
slender and spores  
or cystocarps rather  
corymbosely arranged  
at tip.

Callithamnion  
quarrabosum looks  
as much like  
C. Baileyi as anything  
but specimen is  
in sufficient. It is  
rather nakedly  
hirsute than has been

*Nitophyllum*

*lucratum* N.W. Coast

Herb. Harv. &

*N. violaceum* J. G.

*Nitophyllum Fryxanum*

3 specimens in

Herb. Harv. one a  
fragment, one

faded and one

looks like the

tip of a *N. Ruprechtii*

or *N. multilobum*,

*Hymenocera latissima*  
of Herr. Harm.

includes rather  
short form with  
numerous veins  
(the true *latissima* &  
and several much  
divided tender  
specimens only one  
of which has a  
label *H. latissima*  
This last form is  
also found in cover  
of *H. finlirata* but  
this cover also has



Specimens not to  
be distinguished  
from specimen  
of *Bolryoglossum*  
*proliferum* = N,  
*laceratum* var.  
*pulvinatum* of Harv.  
in Beccly.

*Dolioseria alata*  
from E. America &  
Vancouver are kept  
apart from others.  
The E. American forms  
are all very narrow.  
The Vancouver

specimen is some-  
what broader.

Of *Delesseria*  
*fimbriata* are 3  
specimens in Herb.,  
Haw. from Castne  
(Young.) all doubt-  
ful and what I  
call *D. cinnerea*  
rather dark, narrow  
and ciliate form,

our Californian *Deless.*  
*auriculata* may be that  
species which I cannot  
distinguish from  
magellan and Falkland

Island specimens  
of *D. Lyallii*.

*Callophytho*

*flabellulata* a very  
narrow form, some  
almost filiform,  
Approaching *Euthoro*  
*crisata* in habit.

*Callithamnion*

*Barreri* in Herb.

Harm. has some  
stout forms but  
also a few slender  
ones which come  
near *C. lyssoides*

One fragment of  
*Zucos serratus* is  
in Herb. Harv. from  
marked Newburyport  
Pike.

No specimen of  
*Zucos ceratoides*  
from America in  
Herb. Harv. One

*A. Harveyanus* West  
Coast from Des Moines

Only very small  
fragments of *Ectocarpus*  
*Hooperi* and *Ect.*  
*lutescens* in Herb. Harv.

No specimen of  
*Kallymenia* resiformis  
from West Coast in  
Herb. Harv.

The single specimen  
of *Stenogramme*  
from Key West in  
Herb. Harv. is sterile  
and may as well  
be *Cryptomenia*.

*Pilea*. 7 specimens  
in *Pilea* cover,

my *Melobesia* am-  
plexifrons is not  
like Harmer's specimens  
of that species which

of that class which  
have rather broad  
prominent conceptacles

*Amphiroa rudis*  
Harv. Herb. which is  
put in cover with  
*amph. epiphlepnoides*  
Gay. is like the  
naked large California  
*Amphiroa*.

There is a twisted  
form of *Chaetomorpha*  
*clavata* from Natal  
in Herb. Harv.

Harvey puts *Cladophora*  
*acopaeformis* with  
*Cl. arcta*,

Cladophora diffusa  
represented by  
several good  
specimens looking  
like long loose  
gracilis but probably  
good species.

Harvey's Cladophora  
gracilis not like  
mine but slender  
and more diffuse  
Harvey's Cl. lacteriens  
from East Coast  
is apparently my  
gracilis. The Californian

grasses. The Callitriche  
Cactaceae. different  
and perhaps what  
I have supposed  
to be cartilaginea.

Only one specimen  
of Callitriche  
aggregulosa

Darya subserena,  
Have I got the name  
right in Ag. Am. Bor.

Polytrichum luteum  
looks like my luteum

No specimen of  
Polytrichum fastigiatum  
from West Coast in H. H.



Rathbone's *Polyziphonia*  
from Mozellan or  
Falkland Isles may  
be *P. amisozona*.

*Polyziphonia*  
*verticillata* exists  
only in one very  
small fragment.

There is a specimen  
of *Gelidium filicin*  
in Herb.-Linn., I &  
*Gelidium lineulato*  
S. Ag. (Linn.) different

S. A. G. (unc.) appeared  
from *E. filicinum*

*Gizartia microphylla*  
var. *kovale* is in  
Herb. Harvey one  
specimen N. W.  
Am. Schott no 7.

A specimen marked  
*Chrysomenia*, Paramatta  
River dredged, 428  
Port Jackson N. S. Wales  
branches like my  
California *Chrysomena*  
*Halosaccion dymouthoides*  
northumberland found <sup>seems</sup>  
to be only a *H. saevetace*  
over

with long soft  
branches. Harvey  
wrote on his  
label "anamentacum?"

Herb. Agardh.

Erythrophyllum  
delesserioides.

Agardh described  
this from specimen  
of Grey in British  
Museum. His figure  
shows the whole  
specimen but

specimen but

he has in his  
herbarium only  
the upper third  
of specimen, the  
rest sent back  
to British Museum.  
The veins are plain  
and the margin  
is denticulate,  
which Agardh  
considers an  
important  
specific mark.

The authentic  
*Prionites jubata*  
of Herk. Agardh  
seems to be the  
same as *Prionites*

*Lyallii* Horn, Herl.  
certainly of some  
form. Agardh  
has only one  
specimen of  
*P. Lyallii* from  
Horn, and that  
is the larger  
form and it  
hardly illustrates  
*P. Lyallii* as shown  
by specimens in  
Herb. Harvey.

The following  
herbarium  
names given me

by Mrs. Bingham  
and others  
have not been  
described by  
Agardh.

viz. *Dietyola*  
*vittarioides*

~~*Chylocladia*~~  
*amphura plumosa*  
*amph. chiphogynoides*  
*Microcladia*  
*ceramiaeides.*

*Chylocladia*  
*subarticulata*  
is not very small  
*Californica lowentorum*

Leaved Agardhi  
fruit of Erythro-  
phyllum.

The Gelidium  
Caulteri. Alg. Am.  
Bot. if that species  
is young. Agardh  
has some sets  
of Caulteri some  
of which approach  
my specimen  
in Alg. Am. Bot.

One specimen  
sent to Regardh  
by me some time  
ago of *Cryptocarpus*  
*crayana* (?) is  
apparently a  
*Harlowia*

*Nemalion attenuatum*  
Herb. Harlow from  
Chinese at Williams  
town is *Dermoneura*  
*diehatomum*. Grev.  
*Fauchenia caesiata*  
2 specimens, one  
small, of which



agardhi gave me  
a hint; the other  
large and looking  
precisely like  
*Callitriche* *variegata*  
*var. muricata* but  
faded.

I cannot distin-  
guish between  
*Ligustrum* *Garden*  
*of Herb. Ag.* from  
California and  
*his L. s. papillosum*.

I can hardly  
distinguish  
Iridaea menba  
naee from I. Minor  
in Herb. Ag. Agardh

puts my Iridaea  
Caninariae  
with I cordata  
rather than  
Caninariae.  
He does not  
agree with Bonet  
on limits of Cani  
nariae.

*Neogartia*  
*mollis* in  
*Neumalion*  
*rimulosum*  
(i.e. New Zealand  
*Neumalion*) in  
Herb. Ag.

*Dioscorea*  
*corymbosa* I  
cannot tell  
from *D. Boerh.*

*Microphyllum*  
*multilobum* of  
Herb. Acad. is -

all small and  
it seems to me  
same as *N. violaceum*

---

Herb. W. K. Hagen.  
See ~~my~~ *Morostroma*  
*groenlandicum*  
as which appears to  
be my *M. Collinsii*.

My *Lithothamnion*  
*polymorphum* is  
*L. circumscriptum*  
Kraenfeldt and  
my *Lithothamnion*

fasciculatum &  
L. glaciale Kjellman





MARQUINERIE  
L. CHAMOÛIN  
76, Rue de Richelieu, 76



